FEDERAL COMMUNICATIONS COMMISSION 445 12th STREET S.W. WASHINGTON D.C. 20554

News media information 202-418-0500 Internet: http://www.fcc.gov (or ftp.fcc.gov) TTY (202) 418-2555

Report No. SES-01950

Wednesday April 26, 2017

Satellite Communications Services Information

re: Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

SES-LIC-20170313-00269 E

E E170082

Pensacola Christian College, Inc.

 \mathbf{EZ}

Application for Authority

04/18/2017 - 04/18/2032

Grant of Authority

Date Effective: 04/18/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 250 Brent Lane, Escambia, Pensacola, FL

30 $^{\circ}$ 28 $^{\prime}$ 22.80 " N LAT.

87 ° 14 ' 6.70 " W LONG.

| ANTENNA ID: | 2.4M. | 2.4 meters | Prodelin | | 1244 |
|-------------|--------------------|------------|----------|-----------|----------------------------------|
| 14000.0000 |) - 14500.0000 MHz | 154K0 | G7W | 51.04 dBW | Digital, QPSK, 1/2 FEC, 128 Kbps |
| 14000.0000 |) - 14500.0000 MHz | 230K0 | G7W | 52.80 dBW | Digital, QPSK, 1/2 FEC, 192 Kbps |
| 14000.0000 |) - 14500.0000 MHz | 307K0 | G7W | 54.05 dBW | Digital, QPSK, 1/2 FEC, 256 Kbps |
| 14000.0000 |) - 14500.0000 MHz | 461K0 | G7W | 55.81 dBW | Digital, QPSK, 1/2 FEC, 384 Kbps |
| 11700.0000 |) - 12200.0000 MHz | 154K0 | G7W | | Digital, QPSK, 1/2 FEC, 128 Kbps |
| 11700.0000 |) - 12200.0000 MHz | 230KG | G7W | | Digital, QPSK, 1/2 FEC, 192 Kbps |
| 11700.0000 |) - 12200.0000 MHz | 307K0 | G7W | | Digital, QPSK, 1/2 FEC, 265 Kbps |

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20170217-00184 E E2278 Alascom, Inc.

Application for Modification 10/03/2010 - 10/03/2025

Grant of Authority Date Effective: 04/19/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: NSN SUMMER ST., ANAKTUVUK PASS, ANAKTUVUK PASS, AK

68 ° 8 ' 28.90 " N LAT. 151 ° 44 ' 0.60 " W LONG.

ANTENNA ID: 4.5 meters ANDREW CORPORATION ESA45-39239 5925.0000 - 6425.0000 MHz 15M0G7W 60.47 dBW VARIOUS PSK & QAM - VOICE AND DATA 5925.0000 - 6425.0000 MHz 29K0G7W 60.50 dBWVARIOUS PSK & QAM - VOICE AND DATA VARIOUS PSK & QAM - VOICE AND 3700.0000 - 4200.0000 MHz 15M0G7W 0.00 dBWDATA VARIOUS PSK & QAM - VOICE AND 3700.0000 - 4200.0000 MHz 29K0G7W DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20170217-00187 E E120104 L-3 Communications Datron Advanced Technologies

Application for Modification 05/10/2013 - 05/10/2028

Grant of Authority Date Effective: 04/19/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 200 W. Los Angeles Avenue, Ventura, Simi Valley, CA

34 ° 16 ' 55.00 " N LAT. 118 ° 48 ' 18.00 " W LONG.

ANTENNA ID: 3 meters L-3 Comm. Datron 1001-00135 29100.0000 - 29249.0000 MHz 7M50G7A 69.80 dBW Digital Data Carrier 29100.0000 - 29249.0000 MHz 20K0G2D 73.10 dBW Digital Data Carrier 19400.0000 - 19600.0000 MHz 7M50G7A Digital Data Carrier 19400.0000 - 19600.0000 MHz 20K0G2D Digital Data Carrier 29100.0000 - 29249.0000 MHz 14M0G7W 73.10 dBW DIGITAL DATA CARRIER 19400.0000 - 19600.0000 MHz

14M0G7W

DIGITAL DATA CARRIER

Points of Communication:

1 - IRIDIUM (S2110) - (NGSO)

SES-RWL-20170412-00394 E WB75 Cox Communications, Inc

Renewal 04/12/2017 - 04/12/2032

Grant of Authority Date Effective: 04/20/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: HARTFORD, MANCHESTER, CT

 $41 \circ 48 ' 14.00 " N LAT.$ $72 \circ 30 ' 28.00 " W LONG.$

ANTENNA ID: 1 10 meters SCIENTIFIC ATLANTA 8003

3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170414-00393 E E4381 Bright House Networks, LLC

Renewal 06/11/2017 - 06/11/2032

Grant of Authority Date Effective: 04/20/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: BUTLER, GREENVILLE, AL

31 $^{\circ}$ 50 $^{\circ}$ 15.00 " N LAT. 86 $^{\circ}$ 37 $^{\circ}$ 26.00 " W LONG.

ANTENNA ID: 1 5 meters SCIENTIFIC ATLANTA 8008B

3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170419-00441 E E020066 Focus On The Family

Renewal 05/20/2017 - 05/20/2032

Grant of Authority Date Effective: 04/21/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID:

- 1

LOCATION: 8605 EXPLORER DRIVE, EL PASO, COLORADO SPRINGS, CO

38 $^{\circ}$ 57 $^{\prime}$ 49.70 " N LAT.

104 ° 47 ' 18.50 " W LONG.

ANTENNA ID: 1 3.8 meters VERTEX 3.8 DXC/DXK

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170420-00442 E E020093 AT&T CORP

Renewal 05/20/2017 - 05/20/2032

Grant of Authority Date Effective: 04/21/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1

LOCATION: Oahu, Pearl City, HI

21 $^{\circ}$ 24 $^{\prime}$ 42.00 " N LAT. 157 $^{\circ}$ 58 $^{\prime}$ 28.00 " W LONG.

ANTENNA ID: 1 16.4 meters Vertex 16.4THC

5925.0000 - 6425.0000 MHz 1M68G7D 68.07 dBW QPSK, data

3700.0000 - 4200.0000 MHz 1M68G7D QPSK, data

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170421-00449 E E020061 NBC Telemundo License LLC

Renewal 05/03/2017 - 05/03/2032

Grant of Authority Date Effective: 04/24/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 3000 W. ALAMEDA AVE. BURBANK, CA 91523, VARIOUS

ANTENNA ID: 1 1.5 meters ADVENT NEWSWIFT

14000.0000 - 14500.0000 MHz 36M0G7W 63.10 dBW MCPC DIGITAL CARRIER FOR

VIDEO/AUDIO/DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170421-00450 E E920222 WTVD TELEVISION, LLC

Renewal 05/22/2017 - 05/22/2032

Grant of Authority Date Effective: 04/24/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 411 LIBERTY STREET, DURHAM, DURHAM, NC

 $35 \circ 59 ' 39.00 " N LAT.$ $78 \circ 53 ' 44.00 " W LONG.$

ANTENNA ID: 1 7.3 meters ANDREW CP73LHS-HR

14000.0000 - 14500.0000 MHz 36M0F3F 71.30 dBW

14000.0000 - 14500.0000 MHz 36M0G7W 71.30 dBW DIGITAL VIDEO, PROGRAM AUDIO,

VOICE, DATA AND OTHER ASSOCAITED SIGNALS

11700.0000 - 12200.0000 MHz 36M0F3F

11700.0000 - 12200.0000 MHz 36M0G7W DIGITAL VIDEO, PROGRAM AUDIO,

VOICE, DATA AND OTHER ASSOCAITED SIGNALS

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170424-00451 E E900040 HARRIS CORPORATION

Renewal 05/24/2017 - 05/24/2032

Grant of Authority Date Effective: 04/24/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID:

LOCATION: 2330 Commerce Park Dr., Brevard, Palm Bay, FL

 $28 \,^{\circ}\, 2\,^{\circ}\, 59.00\,^{\circ}\, N$ LAT. $80 \,^{\circ}\, 35\,^{\circ}\, 53.00\,^{\circ}\, W$ LONG.

ANTENNA ID: 1 4.57 meters Vertex 4.57 KPK

14000,0000 - 14500,0000 MHz 2M05G7W 53.00 dBW PSK PRIVATE DATA

14000.0000 - 14500.0000 MHz 2M05G7W 53.00 dBW PSK PRIVATE DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20170213-00158 E E140121 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 04/18/2017

Class of Station:

On April 18, 2017, Intelsat License LLC was granted special temporary authority, for 180 days, beginning April 18, 2017, to operate its fixed earth station in Hagerstown, MD to provide launch and early orbit phase (LEOP) services for the SES-15 satellite, licensed by Luxemburg, on the following center frequencies: 13999.0 MHz, 14001.0 MHz, 14499.0 MHz, and 14501.0 MHz (Earth-to-space) and 10700.5 MHz and 12199.5 MHz (space-to-Earth) as it drifts to the 129° W.L. orbital location.

Points of Communication:

SES-STA-20170228-00219 E KA258 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 04/18/2017

Class of Station:

On April 18, 2017, Intelsat License LLC was granted special temporary authority for 180 days, beginning May 1, 2017, to operate its fixed earth station in Mountainside, MD to provide telemetry, tracking and command (TT &C) services for the Intelsat 9 (S2380) satellite during its drift from 43.1° W.L. to 29.5° W.L., and on-station at 29.5° W.L., on the following center frequencies: 14000.50 MHz and 14494.50 MHz (Earth-to-space); and 1700.50 MHz and 11702.00 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170315-00279 E E040125 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 04/18/2017

Class of Station:

On April 18, 2017, Intelsat License LLC was granted special temporary authority, for 30 days, beginning April 28, 2017, to operate its fixed earth station in Riverside, CA to provide launch and early orbit phase (LEOP) services for the GSAT-19 satellite licensed by India, on the following center frequencies: 6410.860 MHz and 6412.912 MHz (Earth-to-space) and 4186.848 MHz and 4190.976 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170329-00343 E North Slope Borough

Special Temporary Authority

Grant of Authority Date Effective: 04/21/2017

Class of Station:

On April 21, 2017, North Slope Borough, was granted special temporary authority, for 30 days, beginning April 21, 2017, to operate a 2.4-meter antenna and a 3.8-meter antenna earth stations located in Lacey, WA with the Eutelsat 115WB satellite at the 114.9° orbital location, in the 3700-4200 MHz (space-to-Earth) and 5925-6425 MHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20170403-00354 E E4132 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 04/18/2017

Class of Station:

On April 18, 2017, Intelsat License LLC was granted special temporary authority, for 30 days, beginning May 1, 2017, to operate its fixed earth station in Fillmore, CA to support de-orbit maneuvers of the Intelsat 701 (S2400) satellite on the following frequencies: 6173.70 MHz and 6176.30 MHz (Earth-to-space); and 3947.50 MHz, 3948.00 MHz, 3952.00 MHz and 3952.50 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170403-00355 E E000296 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 04/18/2017

Class of Station:

On April 18, 2017, Intelsat License LLC was granted special temporary authority, for 30 days, beginning May 1, 2017, to operate its fixed earth station in Hagerstown, MD to support de-orbit maneuvers of the Intelsat 701 (S2400) satellite on the following center frequencies: 6173.70 MHz and 6176.30 MHz (Earth-to-space); and 3947.50 MHz, 3948.00 MHz, 3952.00 MHz and 3952.50 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170403-00356 E E040174 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 04/20/2017

Class of Station:

On April 20, 2017, Intelsat License LLC was granted special temporary authority, for 30 days, beginning May 1, 2017, to operate its fixed earth station in Castle Rock, CO to support de-orbit maneuvers of the Intelsat 701 (S2400) satellite on the following center frequencies: 6173.70 MHz and 6176.30 MHz (Earth-to-space) and 3947.50 MHz, 3948.00 MHz, 3952.00 MHz, and 3952.50 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170403-00360 E E040125 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 04/18/2017

Class of Station:

On April 18, 2017, Intelsat License LLC was granted special temporary authority, for 30 days, beginning May 1, 2017, to operate its fixed earth station in Riverside, CA to begin de-orbit maneuvers for the Intelsat 701 (S2400) satellite at 29.5° W.L., on the following center frequencies: 6173.70 MHz and 6176.30 MHz (Earth-to-space); and 3947.50 MHz, 3948.00 MHz, 3952.00 MHz and 3952.50 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170412-00376 E KA258 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 04/18/2017

Class of Station:

On April 18, 2017, Intelsat License, LLC, was granted special temporary authority for 30 days, beginning April 23, 2017, to operate its fixed earth station in Hagerstown, MD to provide telemetry, tracking, and command (TT&C) services for Sky-B1 (S2922) satellite at the 43.15° W.L. orbital location on the following center frequencies: 13249.50 MHz and 14498.00 MHz (Earth-to-space), and 11443.00 MHz, 11443.50 MHz, 11444.50 MHz, 11446.50 MHz and 11447.00 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170412-00377 E E140121 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 04/18/2017

Class of Station:

On April 18, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning April 19, 2017, to operate its fixed earth station in Hagerstown, MD to provide telemetry, tracking, and command (TT&C) services for the Sky-B1 (S2922) satellite at the 43.1° W.L. orbital location on the following center frequencies: 13249.5 MHz and 14498.00 MHz (Earth-to-space), and 11443 MHz, 11443.5 MHz, 11444.5 MHz, 11446.5 MHz and 11447 MHz (space-to-Earth). In-orbit testing (IOT) operations will be performed in the 12750-13250 MHz (Earth-to-space), and 10700-11450 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20170412-00379 E KA258 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 04/18/2017

Class of Station:

On April 18, 2017, Intelsat License, LLC, was granted special temporary authority, for 30 days, beginning April 21, 2017, to operate its fixed earth station in Hagerstown, MD to provide launch and early orbit phase (LEOP) services for the KoreaSat-7 satellite on the following center frequencies: 14003.50 MHz and 14499.00 MHz (Earth-to-space) and 12250.10 MHz and 12749.90 MHz (space-to-Earth). The in-orbit testing location for KoreaSat-7 will be at 114.5° E.L. The final location of KoreaSat-7 will be 116° E.L.

Points of Communication:

SES-STA-20170414-00382 E E170084 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 04/18/2017

Class of Station:

On April 18, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning April 19, 2017, to operate a 1.6 meter temporary-fixed earth station in Manhasset, NY to communicate with the Intelsat 907 (S2411) satellite at the 27.5° W.L. orbital location in the 4157-4198 MHz (space-to-Earth) and 6382-6423 MHz (Earth-to-space) frequency bands.

Points of Communication:

| SES-STA-20170417-00398 | E E170091 | SES Americom, Inc. |
|------------------------|-----------|--------------------|

Special Temporary Authority

Grant of Authority Date Effective: 04/21/2017

Class of Station:

On April 21, 2017, SES Americom was granted special temporary authority, for 60 days, beginning April 20, 2017, to operate a 1.6-meter temporary-fixed earth station with the SES-3 (S2892) satellite at the 102° W.L. orbital location in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands.

Points of Communication:

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 1-888-835-5322.